Installation Preparation

ADVANCE PLANNING

- Refer to "Installation Preparation" for information on appropriate placement and necessary clearances when planning installation.
- Avoid placing cabinetry directly above cooktop when possible.
- If cabinetry is used above cooking surface:
  - Use cabinets no more than 13″ deep.
  - Maintain 30″ minimum clearance between cooktop and unprotected cabinets directly above cooktop.
  - If clearance is less than 30″, protect cabinet bottoms with flame-retardant millboard at least 1/4″ thick, or gypsum board at least 3/16″ thick, covered with 28 gauge sheet steel or .02″ thick copper.
  - Clearance between cooktop and protected cabinetry must not be less than 24″.
  - An exhaust hood that projects at least 5″ beyond front of cabinets can reduce risk of burns caused by reaching over heated surface units.
  - Working areas adjacent to the cooktop should have 18″ minimum clearance between countertop and cabinet bottom.
- A 36″ or wider exhaust hood with 350 CFM or greater airflow rating is recommended for use over this Monogram cooktop.
- Installation must conform with local codes. In the absence of local codes, the gas cooktop must comply with the National Fuel Gas Code, ANSI Z223.1, latest edition.
- Gas supply should be located near the opening for this cooktop (see Preparing the Opening and Gas Connection sections of this manual). The supply should provide natural gas at 7″ of water column pressure (11″ of water column for LP gas) and a maximum of 14″ of water column for natural or LP gas.
- The electric spark ignition feature for this model requires a 120V electrical power supply be located in the immediate vicinity of this cooktop (see Electrical Connections section of this manual).

WB28T10185 High Altitude Kit

For operation above 5,000 feet, order WB28T10185 Conversion Kit. This kit includes orifices for both LP and Natural gas operation.

INSTALLATION OPTIONS

Cooktop and ZVB36 Downdraft Vent Combination Installation

These cooktops may be installed with a 36″ Monogram Downdraft Vent, model ZVB36. See page 12 for cutout and clearances.

- The countertop must have a deep flat surface to accommodate the combined installation of the cooktop and vent.
- The downdraft vent with blower, motor and ductwork will occupy the base cabinet.
- Consideration must be given to electrical and gas supply locations. See page 8.
- Read the Downdraft Vent Installation Instructions packed with the product, or to review ahead of time, order Pub. No. 49-80185.

Cooktop and ZTD910 or ZKD910 Warming Drawer Combination Installation

These cooktops may be installed over a Monogram 30″ or 27″ Warming Drawer, model ZTD910 or ZKD910. See page 13 for cutout and clearances.

- Consideration must be given to electrical and gas supply locations. See page 8.
- Read the Warming Drawer Installation Instructions packed with the product, or to review ahead of time, order Pub. No. 49-8937.

Cooktop and ZET1 or ZET938 Single Oven Combination Installation

These cooktops may be installed over a Monogram 30″ Oven, model ZET1 or ZET938. See page 14 for cutout and clearances.

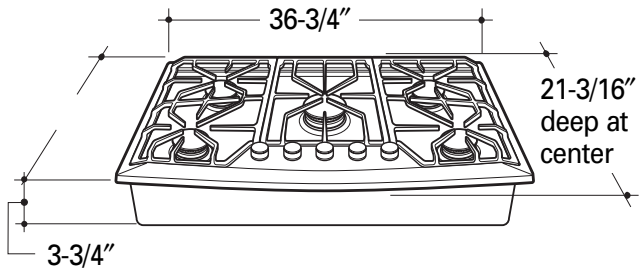
- Consideration must be given to electrical and gas supply locations. See page 8.
- Read the 30″ Oven Installation Instructions packed with the product, or to review ahead of time, order Pub. No. 31-10633.

Installation Above Cabinet Drawers

- When installing the cooktop above a base cabinet with drawers, it may be necessary to use a shorter depth (front to back) drawer to allow clearance for the gas connection.

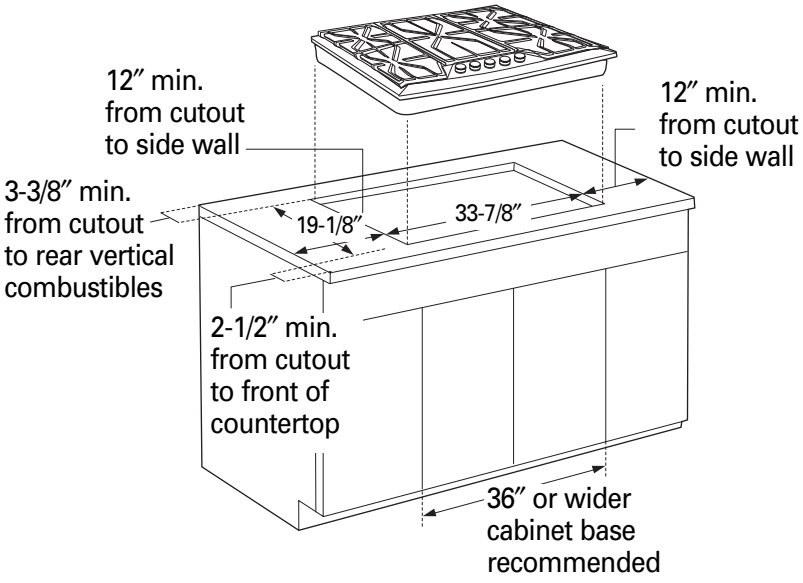
DIMENSIONS AND CLEARANCES

1. Overall cooktop dimensions:

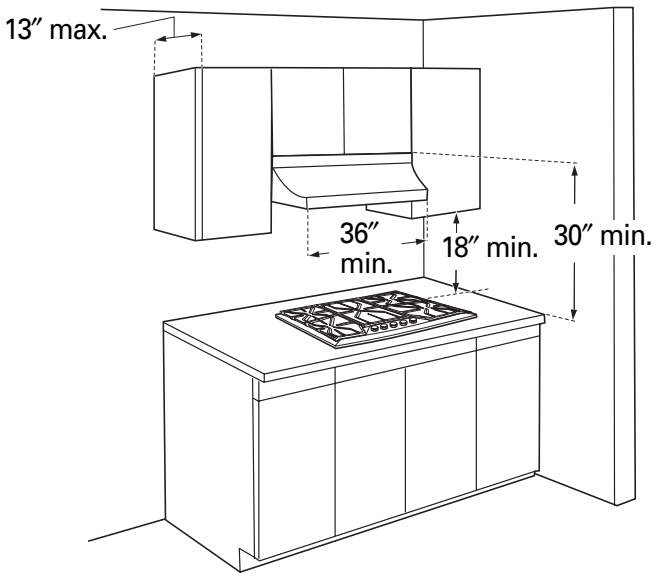


2. Use a 36″ or wider base cabinet.

- Cut the opening in the countertop. To ensure accuracy, it is best to make a template for the opening. Make sure the sides of the opening are parallel and the rear and front cuts are exactly perpendicular to the sides.
- Observe all minimum clearances.



3. Make sure the wall coverings, countertop and cabinets around the cooktop can withstand heat (up to 200°F) generated by the cooktop.



POWER SUPPLY LOCATIONS

Gas supply:

These cooktops are shipped from the factory set for either natural gas or LP gas. Check to be sure you have the correct cooktop for the type of gas being used.

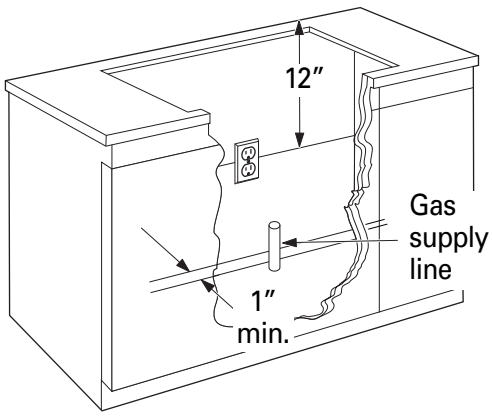
- The pressure regulator must be connected in series with the manifold of the cooktop and must remain in series with the supply line regardless of type of gas being used.
- The natural gas model is designed to operate at 5″ water column pressure. A regulator is required at the natural gas source to provide a minimum of 6″ water column to the cooktop regulator.
- The liquid propane model is designed to operate at 10″ water column pressure. A regulator is required at the LP source to provide a minimum of 11″ water column to the cooktop regulator.
- Maximum inlet pressure for the regulator supplied with the cooktop is 14″ water column regardless of the gas being used.

For ease of installation, and if local codes permit, the gas supply line into the cooktop should be 1/2″ or 3/4″ ID flexible metal appliance connector, three to five feet long.

NOTE: Purchase new flexible line. DO NOT USE OLD, PREVIOUSLY USED FLEXIBLE LINE.

- Make gas connection through rear wall, or on cabinet floor at rear, as illustrated.

1. Install the house gas supply at least 1″ from the back wall.
2. Locate the electrical outlet 12″ below the countertop.



Install a manual shut-off valve in the gas line in an easily accessible location outside the cooktop. Be sure you know how and where to shut off the gas supply to the cooktop. Install the electrical outlet 12″ below the countertop.

Electrical supply:

This cooktop features pilotless electric ignition for energy savings and reliability. It operates on a 120 volt, 60 Hz power supply. A separate circuit, protected by a 15 amp time delay fuse or circuit breaker, is required.

Optional Combination Installations

This cooktop may be installed in combination with a ZVB36 Monogram Downdraft Vent, a ZET1 or ZET938 Single Oven or a ZTD910 or ZKD910 Warming Drawer.

- The gas and electrical supply must be located where it will not interfere with vent housing, the oven or the warming drawer. Review pages 12 to 14 for additional installation requirements.

- A properly-grounded 3-prong receptacle should be located within reach of the cooktop's four-foot power cord.

IMPORTANT: (Please read carefully). FOR PERSONAL SAFETY, THIS APPLIANCE MUST BE PROPERLY GROUNDED.

- The power cord of this appliance is equipped with a three-prong (grounding) plug which mates with a standard three-prong grounding wall receptacle to minimize the possibility of electric shock hazard from this appliance.
- The customer should have the wall receptacle and circuit checked by a qualified electrician to make sure the receptacle is properly grounded and has correct polarity.
- Where a standard two-prong wall receptacle is encountered, it is the personal responsibility and obligation of the customer to have it replaced with a properly grounded three-prong wall receptacle.

Do Not, Under Any Circumstances, Cut Or Remove The Third (Ground) Prong From The Power Cord.

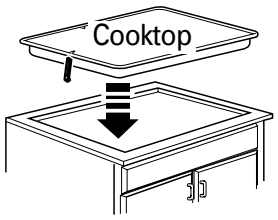
Do not use an extension cord.

1 INSTALL THE COOKTOP

A. Remove the screws on the sides of the cooktop burner box. Use those screws to attach the side mounting brackets.

B. Insert the cooktop centered into the cutout opening. Make sure the front edge of the countertop is parallel to the cooktop.

Check clearances at the front, back and sides.



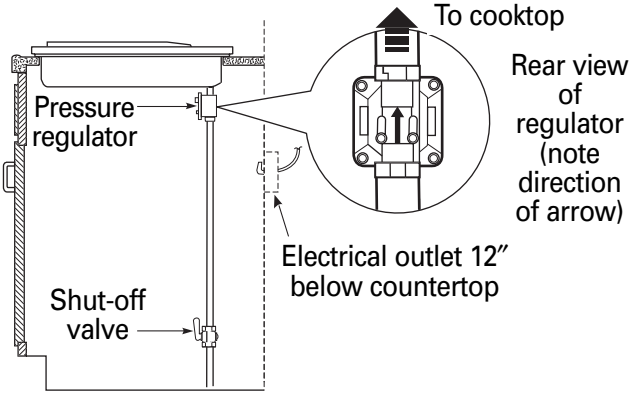
Secure the hold-down bracket to the cabinet sides with screws.

2 INSTALL PRESSURE REGULATOR

⚠WARNING: Never reuse old flexible connectors. The use of old flexible connectors can cause gas leaks and personal injury. Always use new flexible connectors when installing a gas appliance.

To reduce the possibility of gas leaks, apply teflon tape or a thread compound approved for use with LP or Natural gases to all threaded connections.

A. Screw the regulator onto the burner box bottom pipe connection. Make sure the top of the regulator is facing toward the cabinet front, and the arrow on the back of the regulator points to the cooktop.



B. Complete the connection between the regulator and the shut-off valve.

2 INSTALL PRESSURE REGULATOR (cont.)

C. Before testing for leaks, make sure all burner knobs are in the OFF position.

After connecting the cooktop to gas, check system for leaks with a manometer. If a manometer is not available, turn the gas supply on to the cooktop and use a liquid leak detector at all joints and connections to check for leaks.

Tighten all connections if necessary to prevent gas leakage in the cooktop or supply line.

⚠WARNING: Do not use a flame to check for leaks.

Disconnect the cooktop and its individual shut-off valve from the gas supply piping system during any pressure testing of that system at test pressures greater than 1/2 psig (3.5 kPa).

Isolate the cooktop from the gas supply piping system by closing its individual shut-off valve during any pressure testing of the gas supply system at test pressures equal to or less than 1/2 psig (3.5 kPa).

3 CONNECT ELECTRICAL

- Check to be sure the receptacle is properly grounded.
- Plug in the power cord.

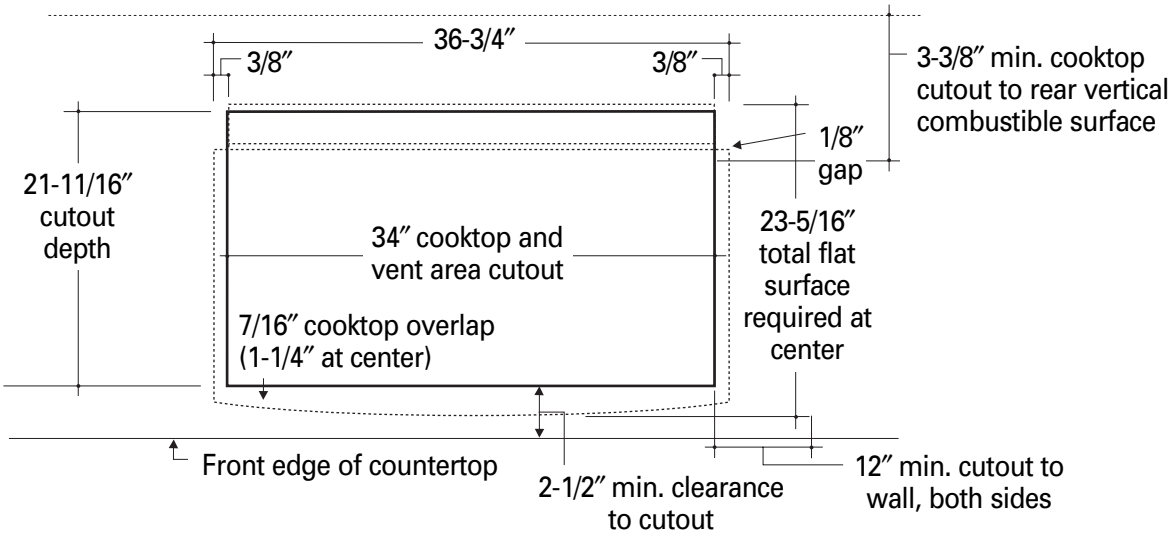
COOKTOP INSTALLATION WITH A 36″ MONOGRAM DOWNDRAFT VENT, MODEL ZVB36

The installation of the downdraft vent with this cooktop requires careful consideration. Both the cooktop and the vent must be installed according to each specific installation instruction. For accurate planning, review the Downdraft Vent Installation Instructions in advance; order Pub. No. 49-80185.

COOKTOP REQUIREMENTS

The countertop must have a deep flat surface to accommodate the cooktop and vent. Countertops with a rolled front edge and backsplash will not provide the flat surface area required.

- Review the illustration to determine the countertop surface requirements.
  - All cutout clearances for this installation must be observed.


36-3/4″
3/8″
3/8″
3-3/8″ min. cooktop cutout to rear vertical combustible surface
1/8″ gap
21-11/16″ cutout depth
34″ cooktop and vent area cutout
23-5/16″ total flat surface required at center
7/16″ cooktop overlap (1-1/4″ at center)
Front edge of countertop
2-1/2″ min. clearance to cutout
12″ min. cutout to wall, both sides

BASE CABINET REQUIREMENTS

The combined installation will fit in a standard 24″ deep base cabinet. Use a 36″ or wider base cabinet.

- The vent housing, blower and ductwork will occupy the base cabinet.

POWER SUPPLY

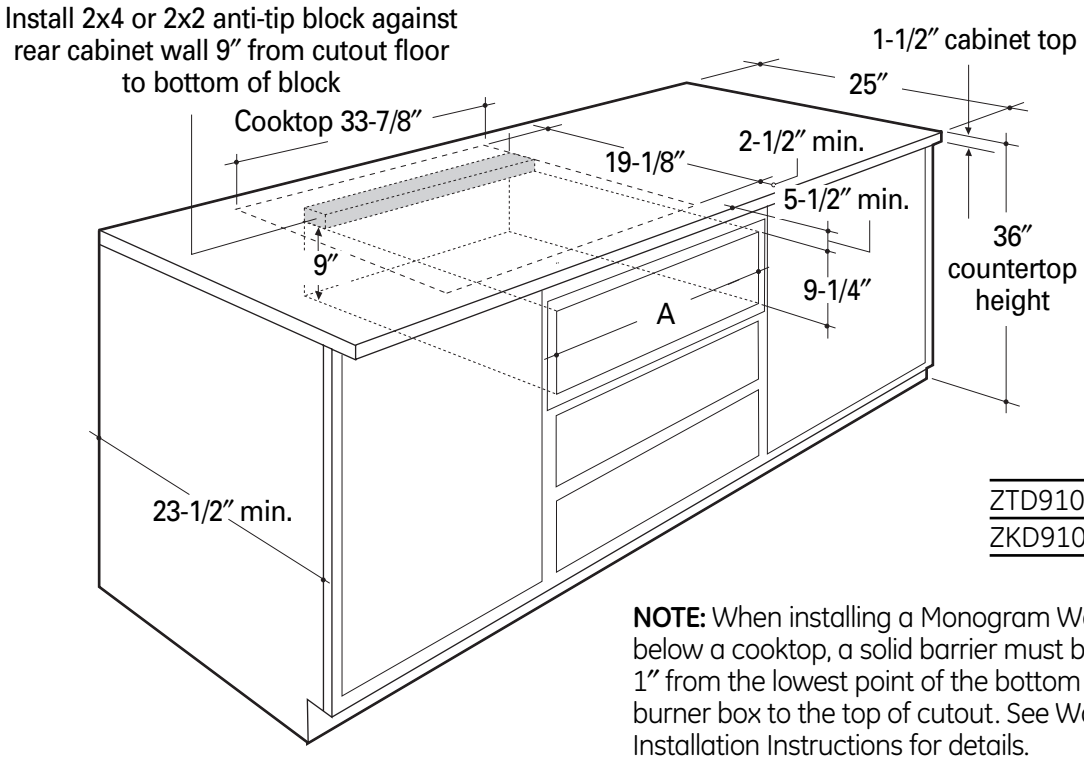
If local codes permit, the vent and cooktop may operate from the same 120V, 15 amp duplex outlet. Locate the gas and electrical supply as shown on page 8.

COOKTOP INSTALLATION OVER A MONOGRAM WARMING DRAWER, MODEL ZTD910 OR ZKD910

These cooktops may be installed over a 30″ or 27″ Warming Drawer. Both the cooktop and the warming drawer must be installed according to each specific installation instruction. For accurate planning, review the Warming Drawer Installation Instructions in advance; order Pub. No. 49-8937.

POWER SUPPLY:

If local codes permit, the cooktop and warming drawer may operate from the same 120V duplex outlet. Refer to installation instructions for details.



	Dim. A
ZTD910	28-1/2″
ZKD910	25-1/2″

NOTE: When installing a Monogram Warming Drawer below a cooktop, a solid barrier must be installed at least 1″ from the lowest point of the bottom of cooktop burner box to the top of cutout. See Warming Drawer Installation Instructions for details.

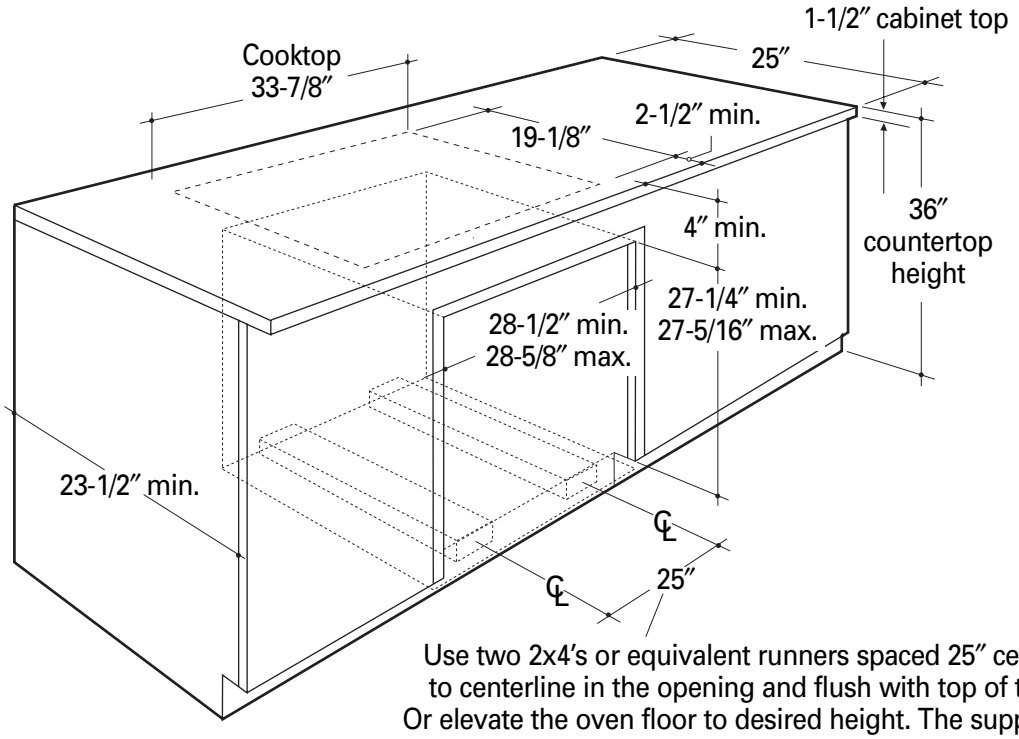
Use a 36″ or wider base cabinet.

- Plan gas supply location carefully to avoid interference with the warming drawer.

COOKTOP INSTALLATION OVER A 30″ MONOGRAM SINGLE OVEN, MODEL ZET1 OR ZET938

These cooktops may be installed over the Monogram ZET1 or ZET938 single oven. Both the cooktop and the oven must be installed according to each specific installation instruction. For accurate planning, review the 30″ Oven Installation Instructions in advance; order Pub. No. 31-10633.

– Allow 4″ Min. clearance from the top of the countertop to the top of the oven cutout.



Use two 2x4's or equivalent runners spaced 25″ centerline to centerline in the opening and flush with top of toekick. Or elevate the oven floor to desired height. The support must be level, rigidly mounted and capable of supporting 200 lbs.

Use a 36″ or wider base cabinet.

• For best appearance, the cooktop should be centered over the oven.

POWER SUPPLY

The oven requires a separate, properly grounded 20 Amp, 3-wire 208 or 240 volt, 60 Hz power supply. The cooktop requires a separate 120V power supply. See page 8. Where codes permit, the gas shut-off valve may be located in an adjacent cabinet or other easily accessible location.